

Series 4860

Meter Registers



This line of economically priced meters includes a wide array of meters specifically designed for recording the measurement on diesel, gasoline or kerosene at rates up to 20 GPM (76 LPM). Meters in this series are offered for use with Gasboy hand and electric pumps, as well as, for gravity flow and applications with other types of pumps. The 4-digit, push-button reset, register assembly is unique to the Gasboy product line. A non-resettable master totalizer assists in maintaining inventory records.

The meter housing is die-cast aluminum capable of handling pump pressures up to 50 PSI (3.5 bars). The meter chamber is molded phenolic, with a nutating disc that includes a stainless steel drive pin to drive the register. All units are factory-calibrated for diesel fuel, but may be field-calibrated for other types of fuels. The calibration adjuster allows a 17% range of calibration, making this meter the most accurate meter in its class.

How it Operates

Liquid enters the meter from the side and passes freely through the measuring chamber in a corkscrew path. The passage of liquid causes the meter disk (with a center ball hub with a drive pin) to rotate on its axis, which causes the drive pin to rotate and in turn, causes the register to record the units dispensed.

Learn more on how the 4860 Series can meet your fueling requirements by contacting Gasboy or your local Gasboy distributor.

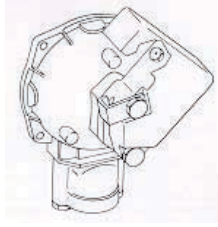
Series 4860 Features and Benefits

4860-9S - For Gravity Flow



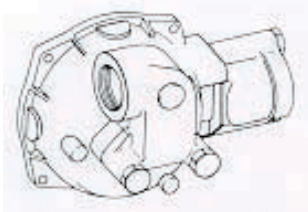
Designed for gravity flow applications (e.g. elevated tank). Includes a 30 mesh inlet strainer. Inlet is angled 30° to provide a convenient viewing angle on overhead applications. Inlet and outlet are 1" NPT.

4860-7A - For Use with Hand Pump



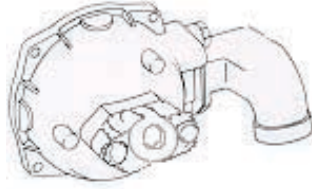
Designed as a retrofit meter for Gasboy Series 1200, 1700 and 1500 series hand pumps. Includes vacuum breaker to prevent accidental siphoning and hose hanger for Gasboy #003785 nozzle.

4860-4D General Utility-Straight Piping Installations



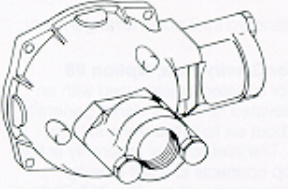
Mounts in straight-run piping. If desired, the meter may be oriented vertically and the register rotated 90° to allow a horizontal viewing position. Both the inlet and outlet are 1" NPT (2.5 cm).

4860-4F For Use with Electric Pump



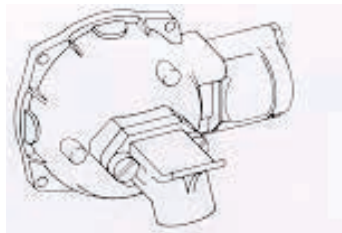
Designed as a retrofit meter for Gasboy 73 or as a replacement meter for the Model 72S. Includes vacuum breaker to prevent accidental siphoning. Both the inlet and outlet are 3/4" NPT (1.9 cm).

4860-4E General Utility-90o Turn Piping Installations



Designed for gravity flow applications (e.g. elevated tank). Includes a 30 mesh inlet strainer. Inlet is angled 30° to provide a convenient viewing angle on overhead applications. Inlet and outlet are 1" NPT.

4860-6G - General Utility



This model features a straight 1" NPT inlet (1.9 cm) and a discharge (3/4" NPT) angled at 30° to help prevent hose kinking.

Delivery rate

Up to 20 GPM (76 LPM)

Register

4-wheel push-button reset. Includes 7-digit master totalizer. Specify gallon or liter registration.

Meter

Nutating disc phenolic measuring chamber in aluminum die cast housing. Stainless steel nutating disc drive pin.

Calibration

Accuracy= +/- 0.5% at full flow. Calibration adjuster allows a 17% range of calibration. Factory preset for diesel. Change gears required for field conversion from gallons to liters.

Non-retail Use Only

For private consumer use only, not weights and measures sealable for retail applications.

Pressure Drop

3.5 PSI (.24 bars) @ 15 GPM

Environmental

-40°F to 120°F (-40°C to 50°C). Designed for outdoor use.

Strainer (4860-9S only)

30 mesh, 304 stainless steel

Finish

High-gloss urethane, painted red or specify color. Anodized aluminum bezel.

Dimensions (nominal)

6-5/8" W x 8" H x 8" D (17cm x 20cm x 20cm)
Shipping weight
12.1 lbs. (5.5 kg)

Approvals

UL listed.

WARNING

Failure to follow these instructions may result in property damage, personal injury, or loss of life. Gasboy products must be installed by a qualified installer and used in conformance with all building, fire, and environmental codes and other safety requirements applicable to its installation and use, including, but not limited to, NFPA 30, 30A & 70, and 395. This product is only part of a fuel dispensing system and additional equipment and accessories, such as, but not limited to, breakaway connectors, shear valves, pressure regulators, and other safety devices may be necessary to meet the applicable codes. Qualified installers shall be familiar with fuel system installations under the above stated codes and other safety requirements required for the particular type of installation. This product should not be used for pumping fuel or other liquids into aircraft, and is not recommended where sanitary design is required (for food products for human consumption) or for use with water-based liquids. All sales subject to Gasboy standard warranty.

